

What is claimed is:

1. A method for use in synchronizing a first item data store (10c) with a second item data store (11c), wherein when storing the items in the first item data store (10c) the items are assigned to categories in a first set of categories (10d), and similarly for the second item data store (11c), the method including:

5 a step (51) in which during a synchronization session a new data item (40) already stored in the second item data store (11c) is selected or received for storing in the first item data store (10c);

10 the method characterized in that:

15 the new data item (40) includes or is accompanied by a category indicator indicating at least two categories in a branch of a hierarchy of categories (11d 12).

2. The method of claim 1, wherein the category indicator indicates all categories in a branch of the hierarchy of categories (11d 12).

3. The method of claim 1, wherein the first item data store (10c) and the second item data store (11c) are hosted by a single device (10).

20 4. The method of claim 1, wherein the first item data store (10c) and the second item data store (11c) are hosted by respective different devices (10 11).

25 5. A method as in claim 1, wherein a synchronization agent (10b) receives or selects the new data item (40), and further characterized in that: the synchronization agent (10b) assigns to the new data item (40) a category from among the first set of categories (10d) based on the category indicator and based on a

predetermined procedure.

6. A method as in claim 5, further characterized in that: the synchronization agent (10b) stores the category indicator so as to be associated with the new data item (40) and without changing the category indicator.

5           7. A method as in claim 5, wherein the category indicator is a string of categories beginning with a lowest-level category and leading to a top-level category, or vice versa.

10          8. A method as in claim 7, further characterized in that the synchronizing agent (10b) searches the first set of categories (10d) for a category matching a category in the string of categories, taking each category in the string of categories in turn, beginning with the lowest-level category, and providing as the assigned category the matching category in the first set of categories (10d).

15          9. A method as in claim 7, further characterized in that the category indicator is a string of categories indicating a possibly partial branch of a harmonized category hierarchy (12).

20          10. A method as in claim 9, further characterized in that data indicating the harmonized category hierarchy (12) are included as part of the device (10).

25          11. A method as in claim 9, further characterized in that the harmonized category hierarchy (12) is stored in a data store (12) external to the device (10) and accessible to the device (10), and the device (10) refers to the external data store (12) from time to time so as to remain harmonized to the category hierarchy (12).

12. A method as in claim 7, further characterized in that the

category indicator is a string of categories indicating a possibly partial branch of an express or implied category hierarchy (11d) of categories for organizing items in the second item data store (11c).

5       13. An apparatus (10) including at least a first item data store (10c) and adapted for synchronizing the first item data store (10c) with a second item data store (11c), wherein when storing items in the first item data store (10c) the items are assigned to categories in a first set of categories (10d), and wherein  
10      for the second item data store (11c) items are also assigned to categories in a second set of categories (10d), the apparatus including:

means (51) by which during a synchronization session a new data item (40) already stored in the second data store (11c) is selected or received for storing in the first item data store (10c);

the apparatus characterized in that:

the new data item (40) includes or is accompanied by a category indicator indicating at least two categories in a branch of a hierarchy of categories (11d 12).

20      14. The apparatus (10) of claim 13, wherein the category indicator indicates all categories in a branch of the hierarchy of categories (11d 12).

15      15. The apparatus (10) of claim 13, wherein the first item data store (10c) and the second item data store (11c) are both hosted by the apparatus (10).

25      16. The apparatus (10) of claim 13, wherein the first item data store (10c) is hosted by the apparatus (10) but not the second item data store (11c).

17. The apparatus (10) of claim 13, wherein the apparatus (10) includes a synchronization agent (10b) and wherein the synchronization agent (10b) receives or selects the new data item (40), and further characterized in that: the synchronization agent (10b) assigns to the new data item (40) a category from among the first set of categories (10d) based on the category indicator and based on a predetermined procedure.

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18. The apparatus (10) of claim 17, further characterized in that: the synchronization agent (10b) stores the category indicator so as to be associated with the new data item (40) and without changing the category indicator.

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19. The apparatus (10) of claim 17, wherein the category indicator is a string of categories beginning with a lowest-level category and leading to a top-level category, or vice versa.

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20. The apparatus (10) of claim 19, further characterized in that the synchronizing agent (10b) searches the first set of categories (10d) for a category matching a category in the string of categories, taking each category in the string of categories in turn, beginning with the lowest-level category, and providing as the assigned category the matching category in the first set of categories (10d).

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21. The apparatus (10) of claim 19, further characterized in that the category indicator is a string of categories indicating a possibly partial branch of a harmonized category hierarchy (12).

22. The apparatus (10) of claim 19, further characterized in that data indicating the harmonized category hierarchy (12) are included as part of the device (10).

23. The apparatus (10) of claim 19, further characterized in  
that the harmonized category hierarchy (12) is stored in a data  
store (12) external to the device (10) and accessible to the  
device (10), and the device (10) refers to the external data  
5 store (12) from time to time so as to remain harmonized to the  
category hierarchy (12).

24. The apparatus (10) of claim 19, further characterized in  
that the category indicator is a string of categories indicating  
10 a possibly partial branch of an express or implied category  
hierarchy (11d) of categories supported by the second device  
(11).

25. The apparatus (10) of claim 13, further characterized in  
that the apparatus is selected from the set consisting of a  
mobile cellular phone, a personal digital assistant type of  
15 device, a laptop computing device, and a computer.

26. A system, comprising a plurality of devices (10 11),  
characterized in that at least two of the devices are as in  
claim 13.

27. A system, comprising a plurality of devices (10 11),  
20 characterized in that at least two of the devices are as in  
claim 17.

28. A system, comprising a plurality of devices (10 11),  
characterized in that at least two of the devices are as in  
claim 18.

25 29. A system, comprising a plurality of devices (10 11),  
characterized in that at least two of the devices are as in  
claim 20.

30. A computer program product comprising: a computer readable

storage structure embodying computer program code thereon for execution by a computer processor in a telecommunication terminal (10a), with said computer program code characterized in that it includes instructions for performing the steps of the method of claim 1.

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31. A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor in a telecommunication terminal (10a), with said computer program code characterized in that it includes instructions for performing the steps of the method of claim 5.

method of claim 5.

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32. A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor in a telecommunication terminal (10a), with said computer program code characterized in that it includes instructions for performing the steps of the method of claim 6.

method of claim 6.

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33. A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor in a telecommunication terminal (10a), with said computer program code characterized in that it includes instructions for performing the steps of the method of claim 8.